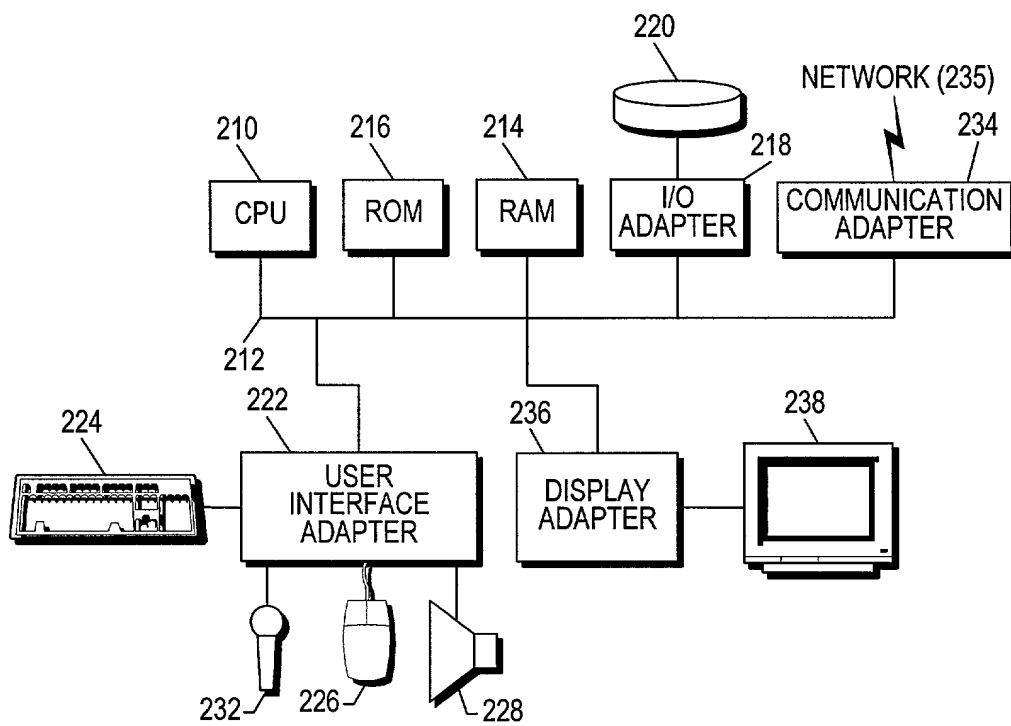
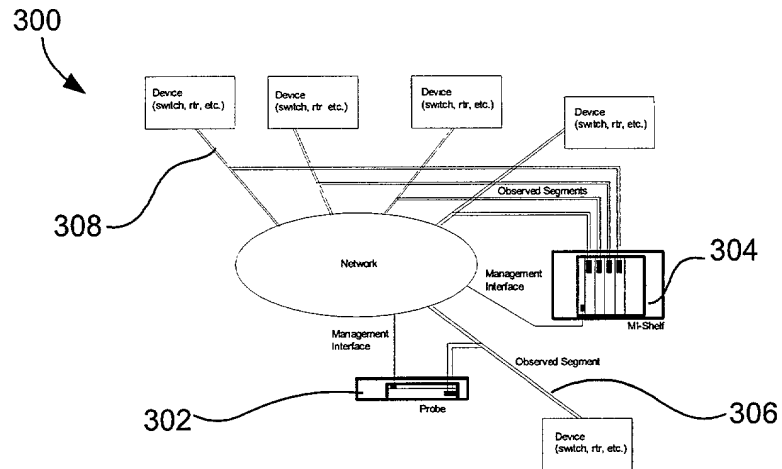


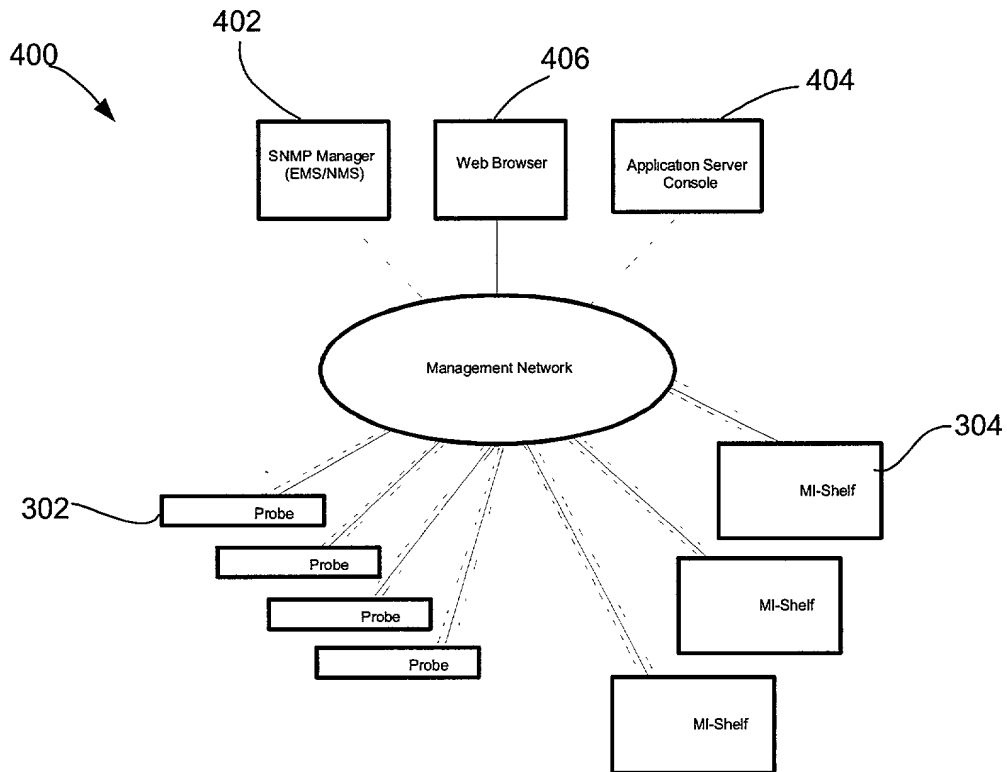
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**

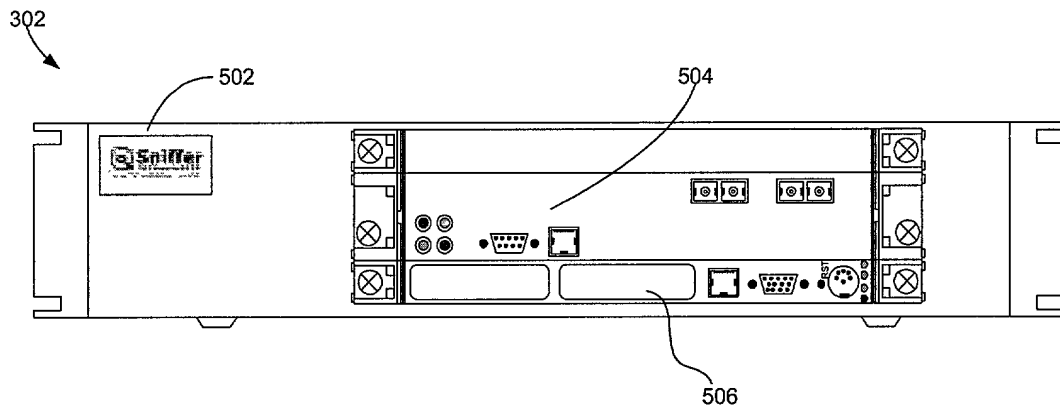


Figure 5

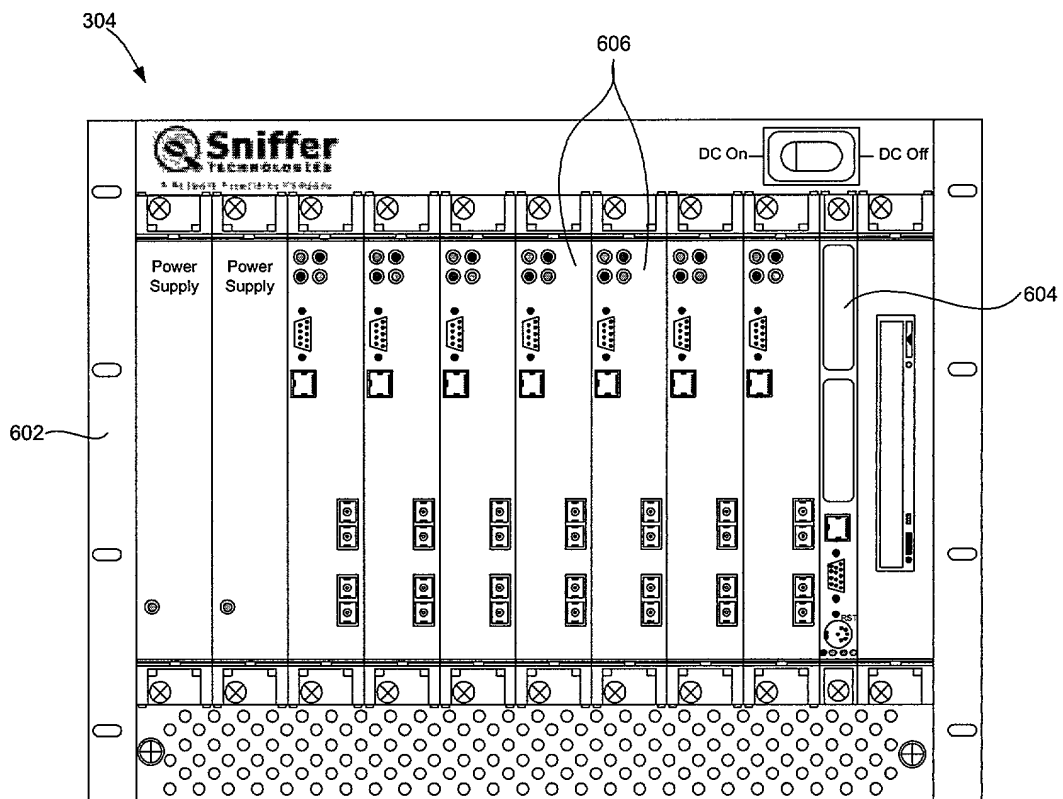
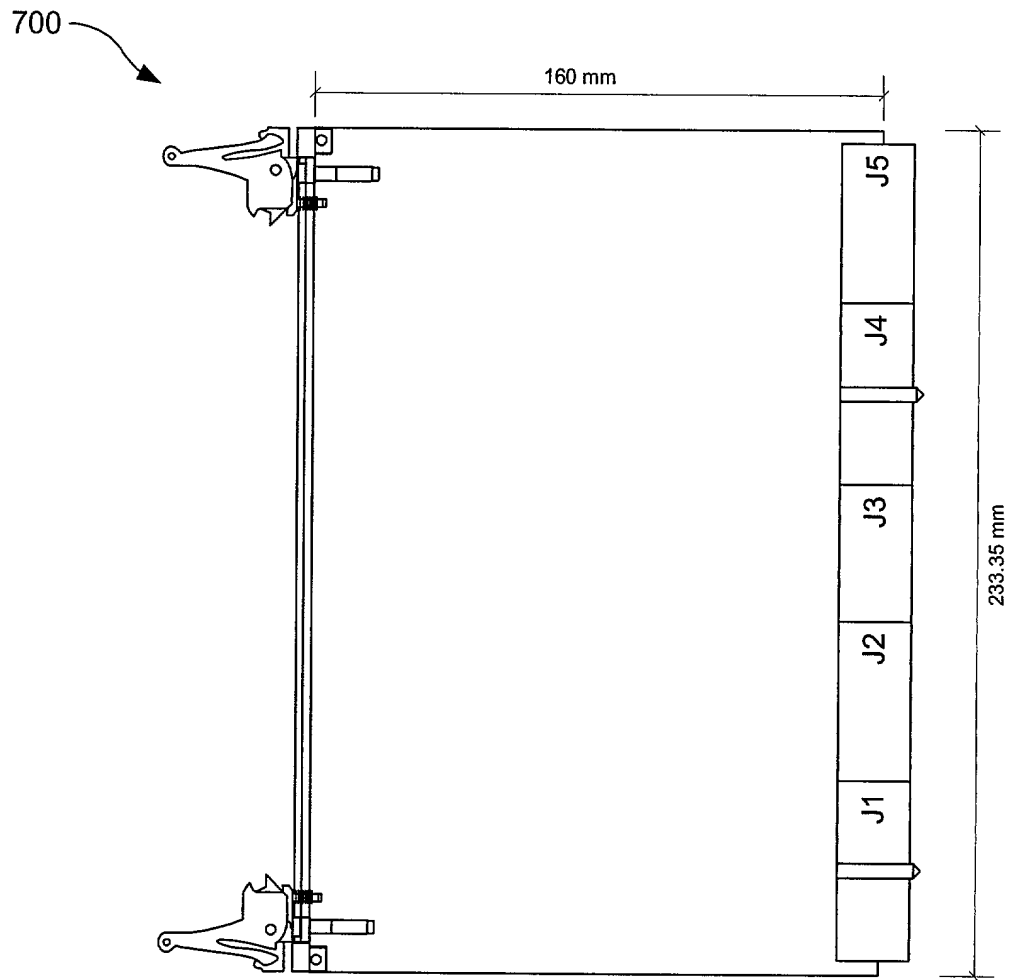
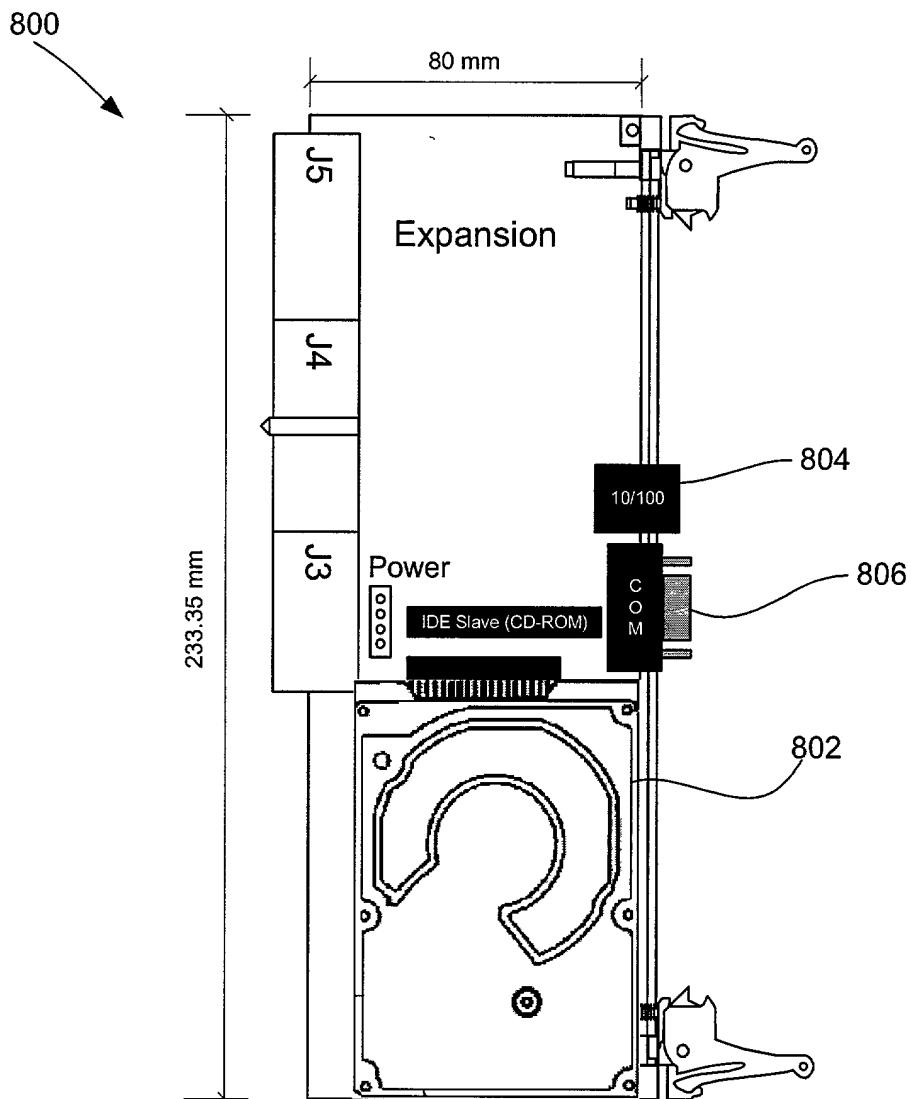


Figure 6



**Figure 7**



**Figure 8**

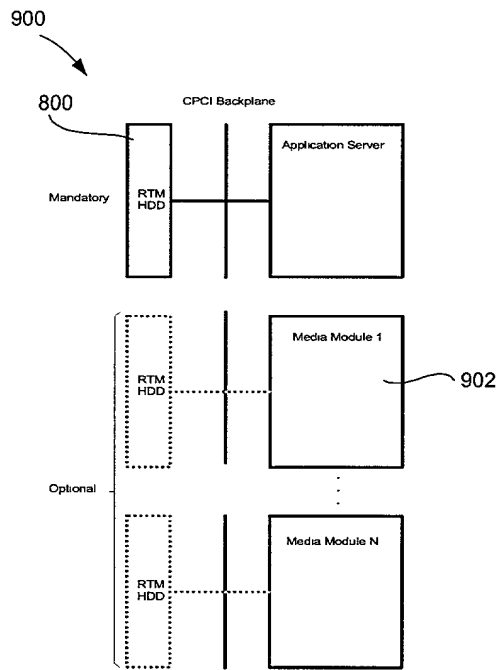


Figure 9A

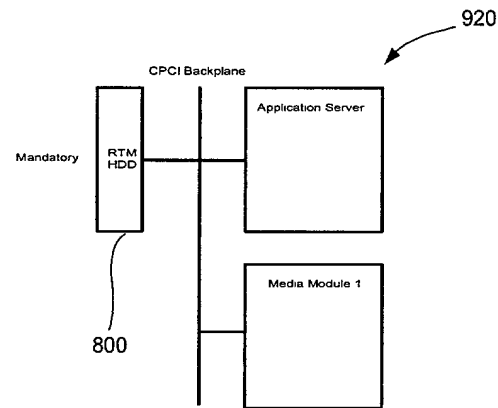
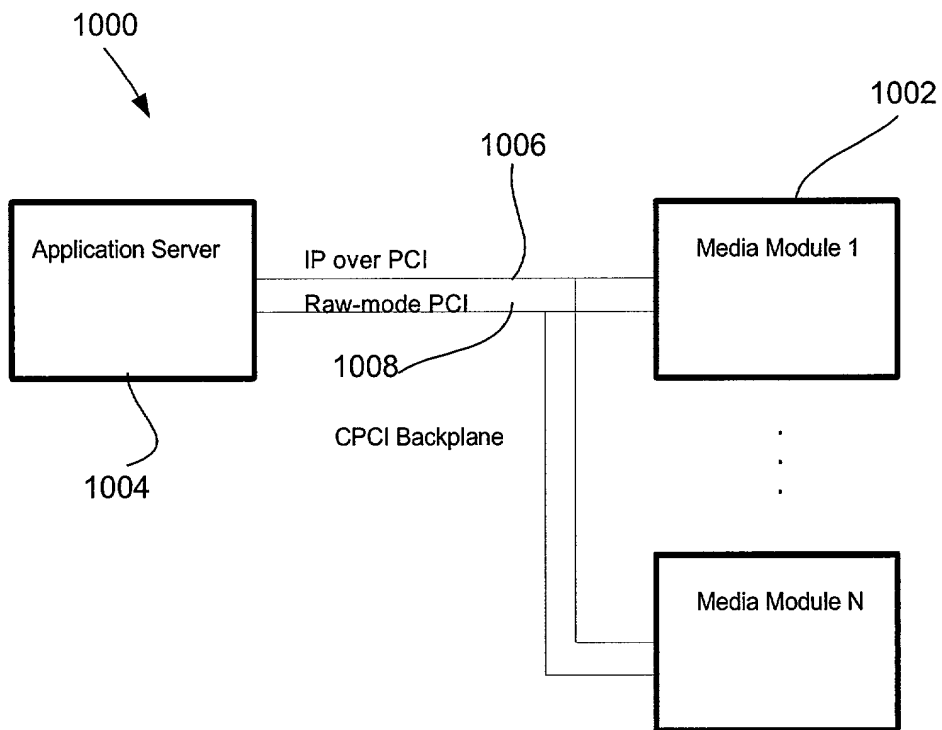


Figure 9B



**Figure 10**



1100

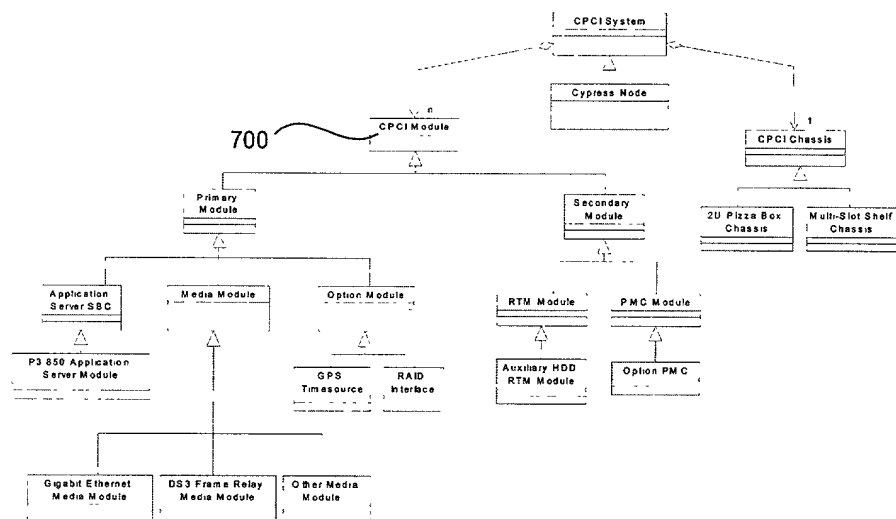


Figure 11

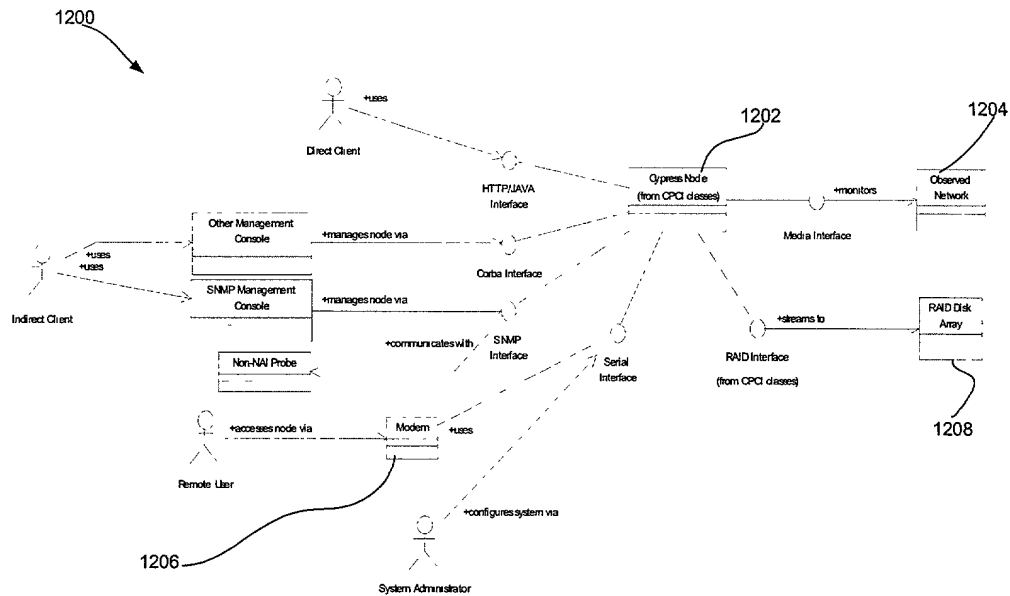
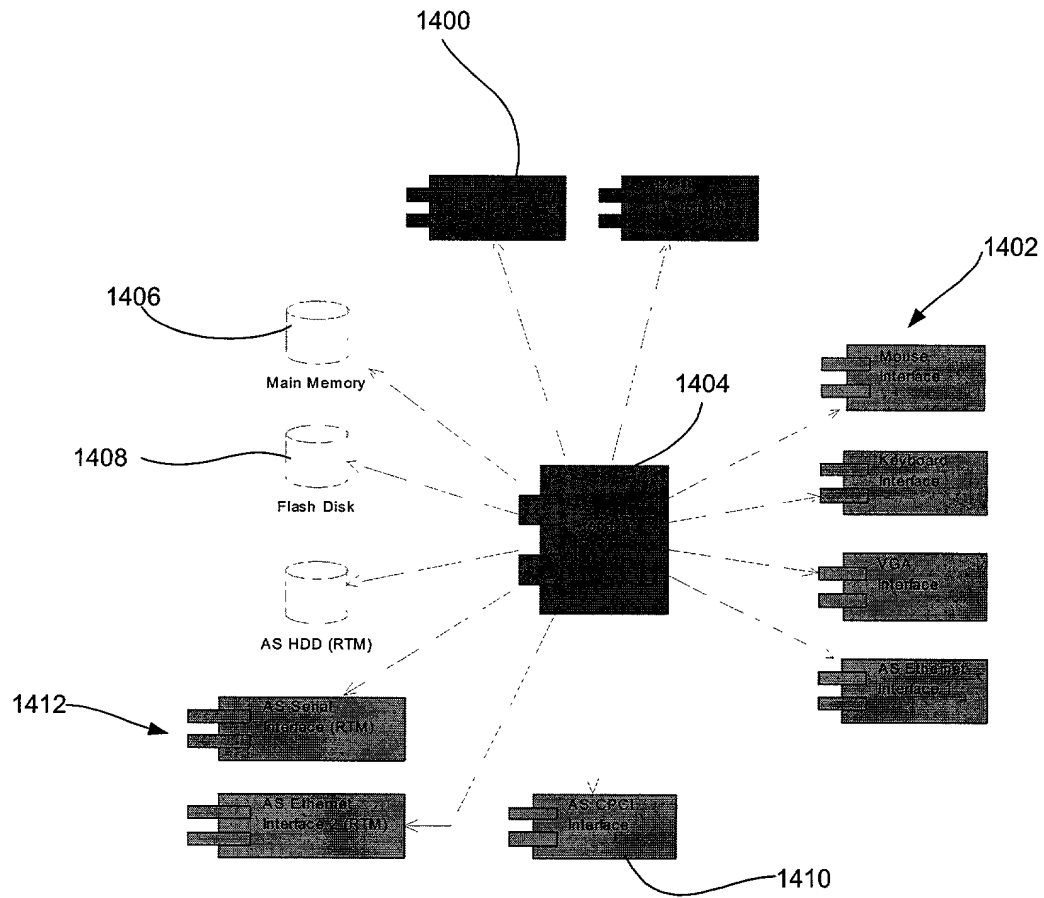


Figure 12

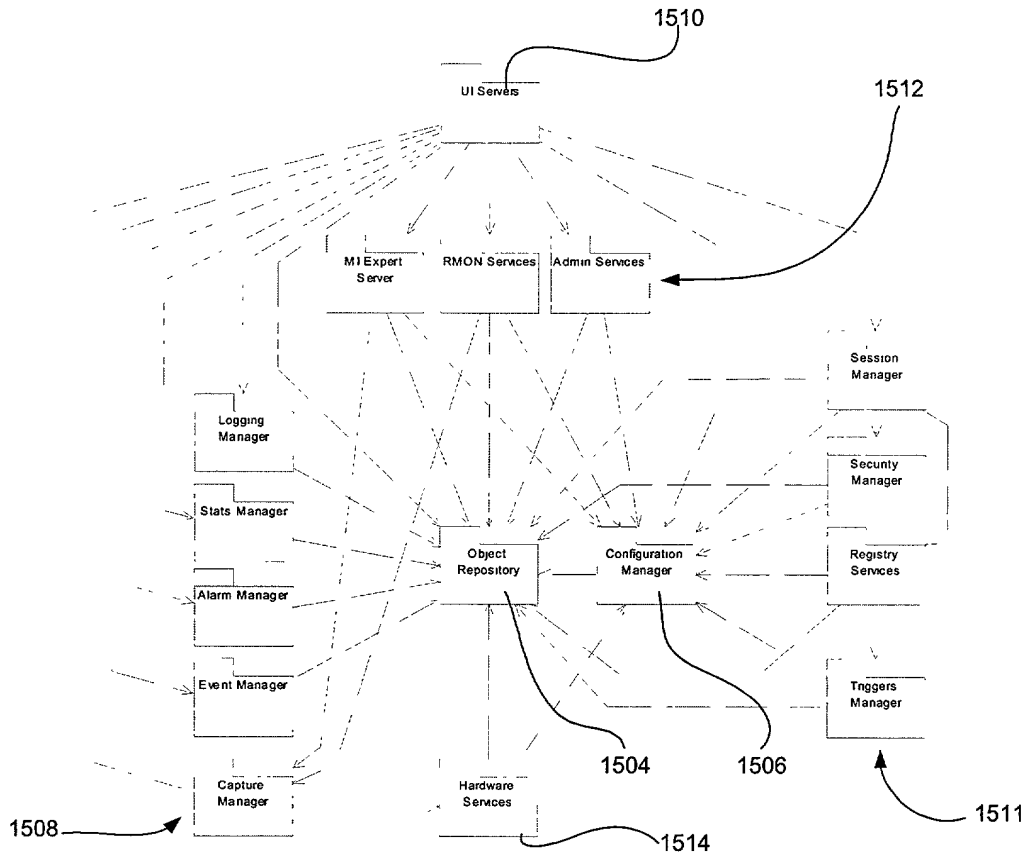
1300

User Class	Operations Allowed
Network Administrators	System turn-up & configuration, add users, etc.
Business Users (CIO)	View reports, trends, accounting info, etc.
Security Managers	Access users e-mail, web activity, policies, etc.
Network Planners	Access to capacity, trend, load & distribution info.
Network Managers	General access to all but security related.
Network Technicians	Access to diagnostics, alarms, trace files, etc.

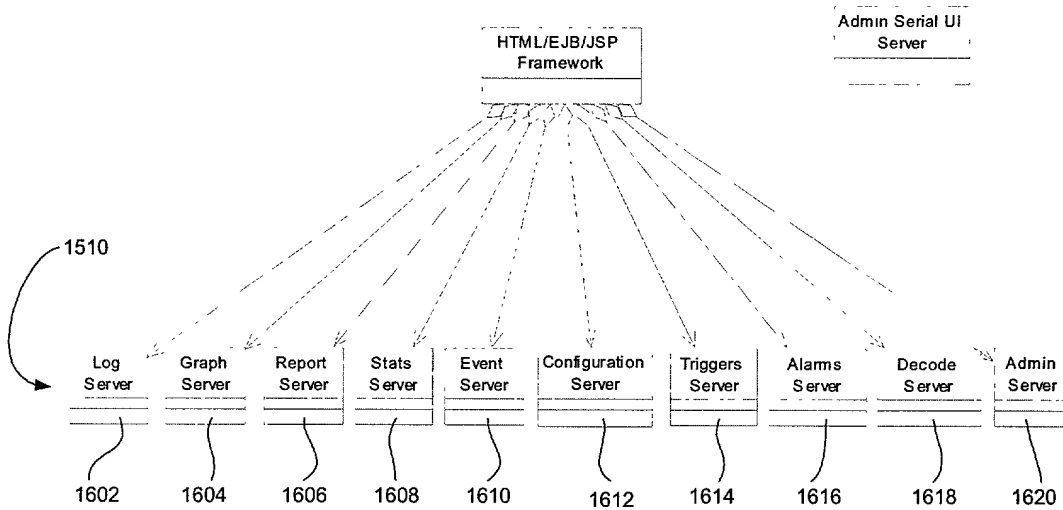
Figure 13



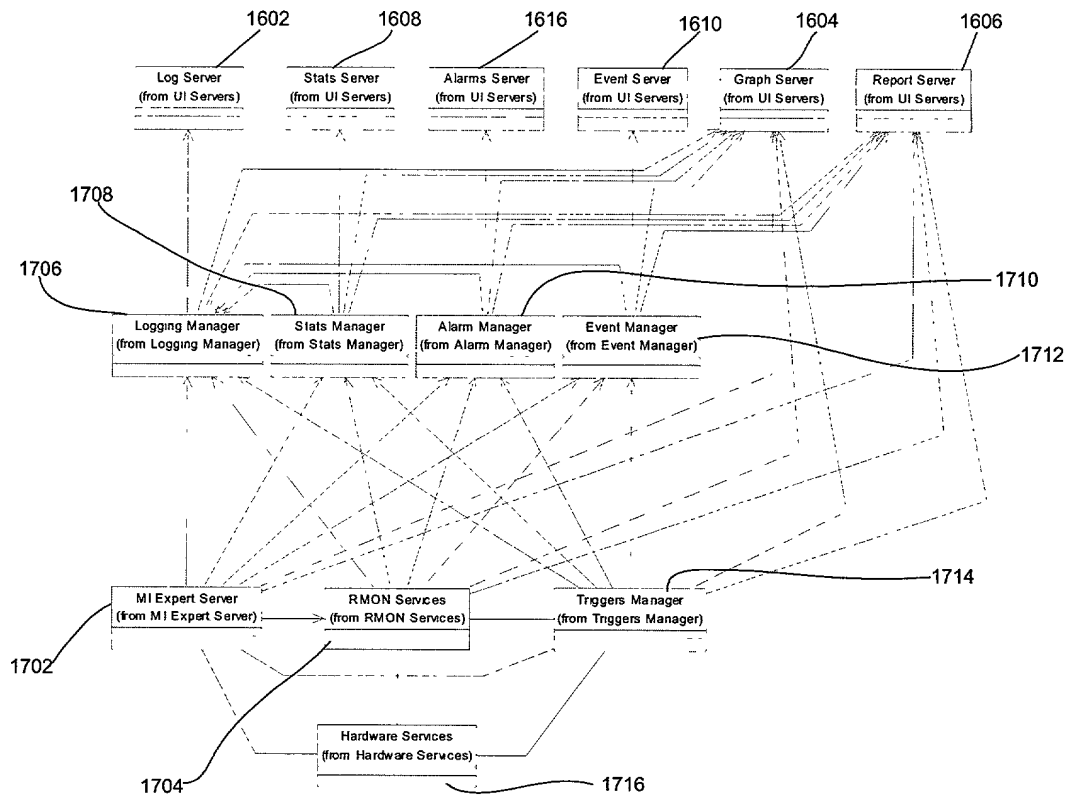
**Figure 14**



**Figure 15**



**Figure 16**



**Figure 17**

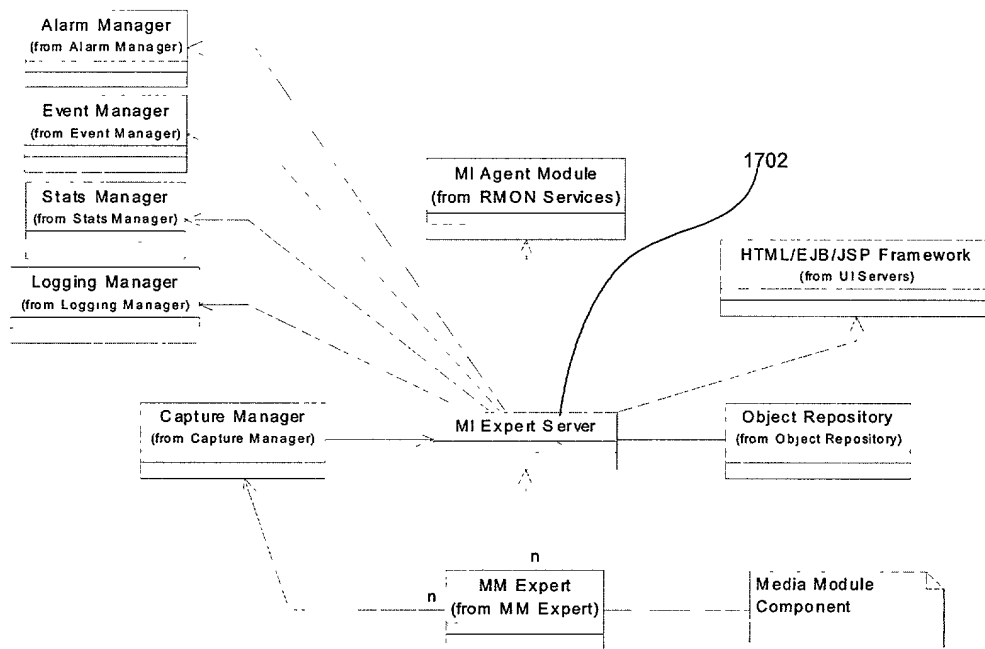


Figure 18

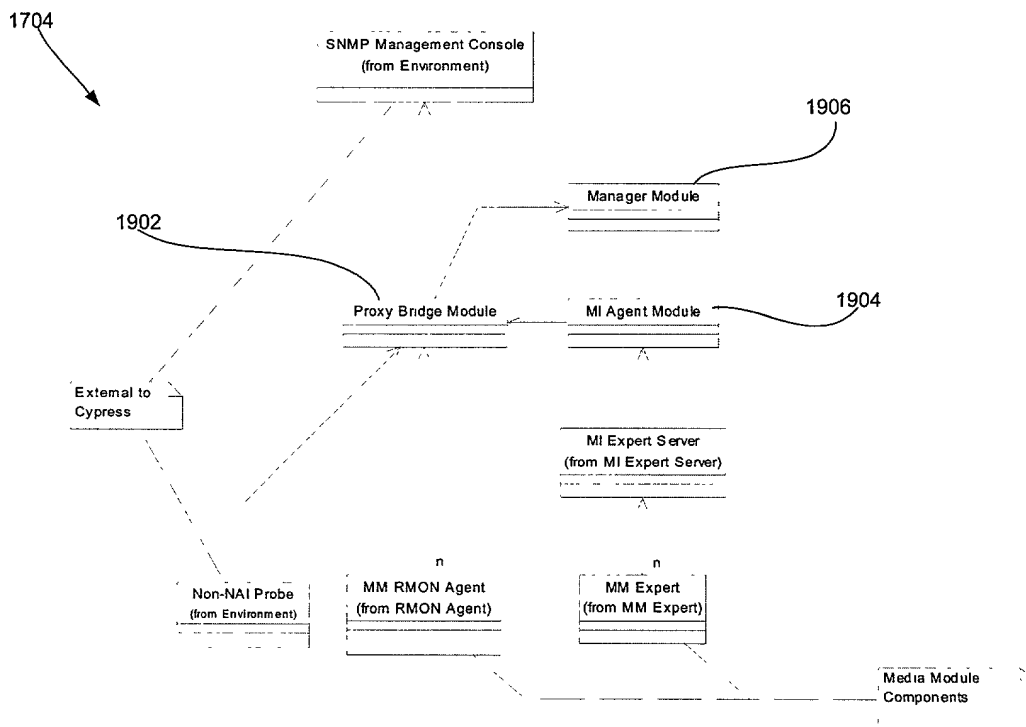
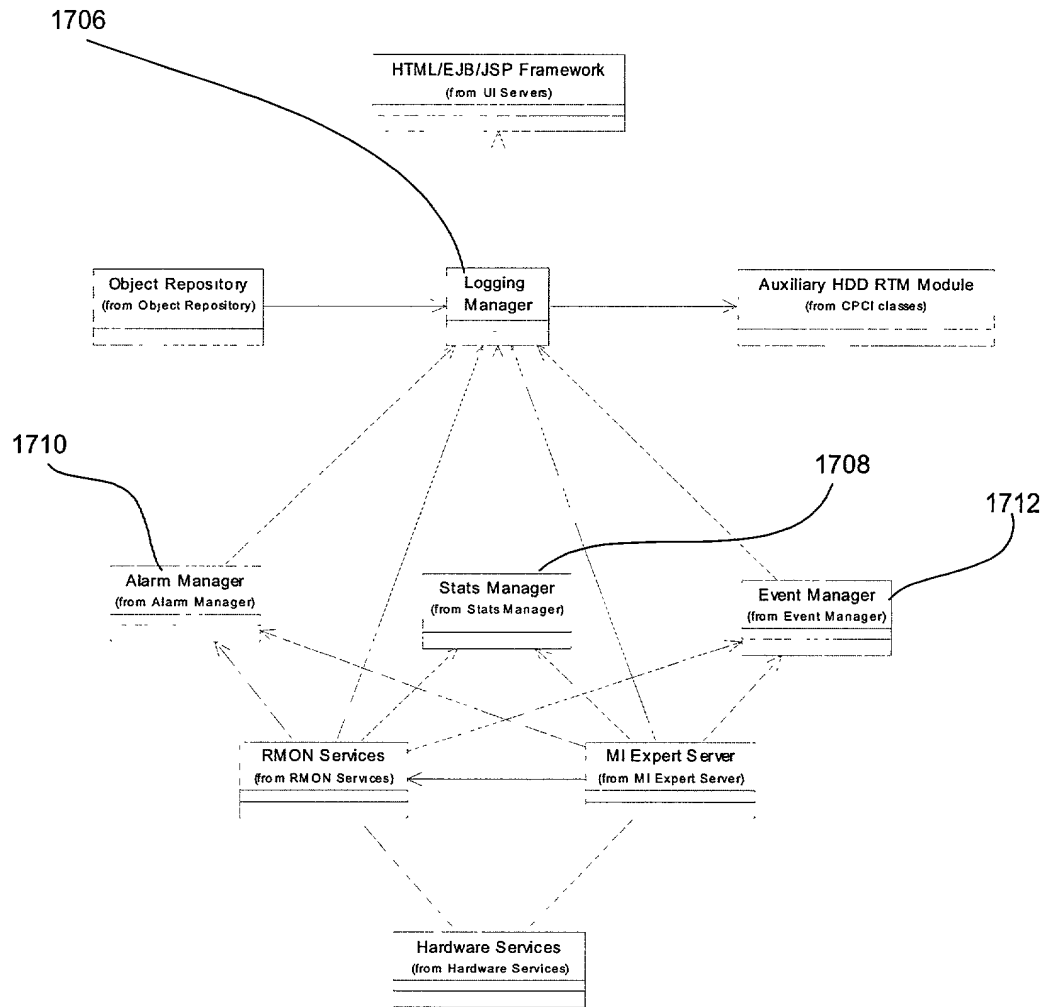
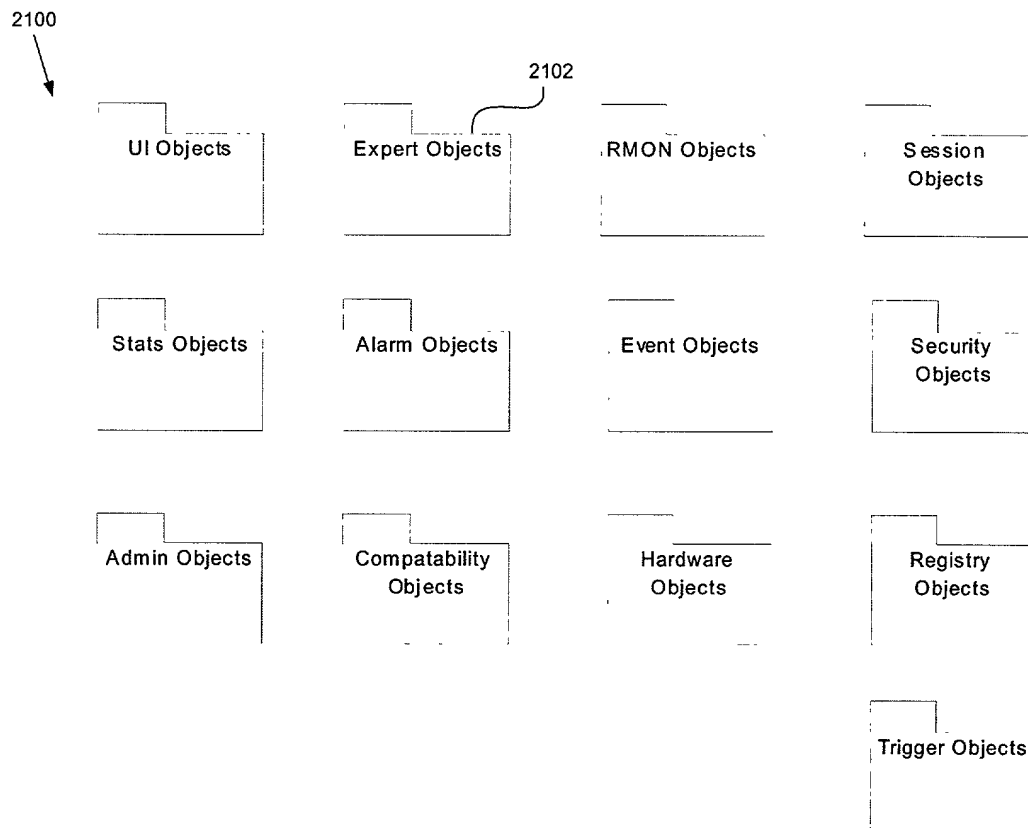


Figure 19

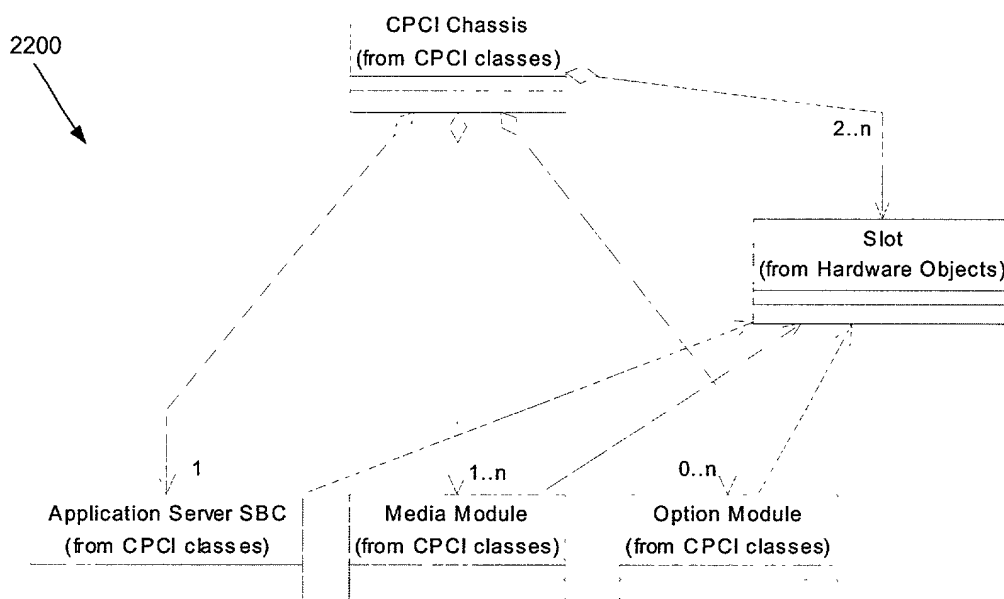


**Figure 20**

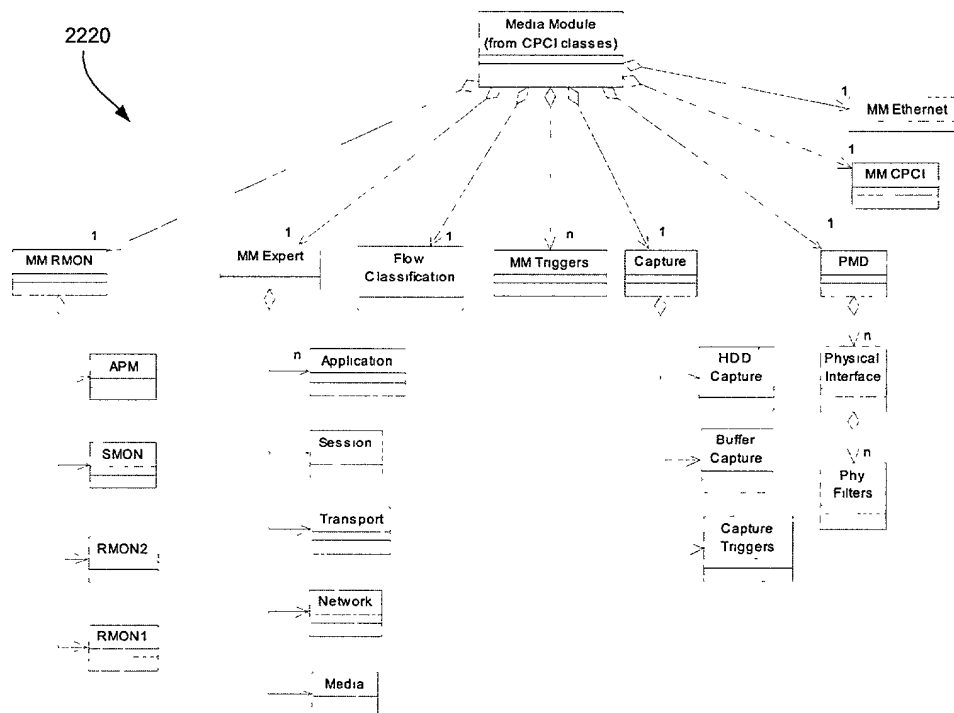


**Figure 21**

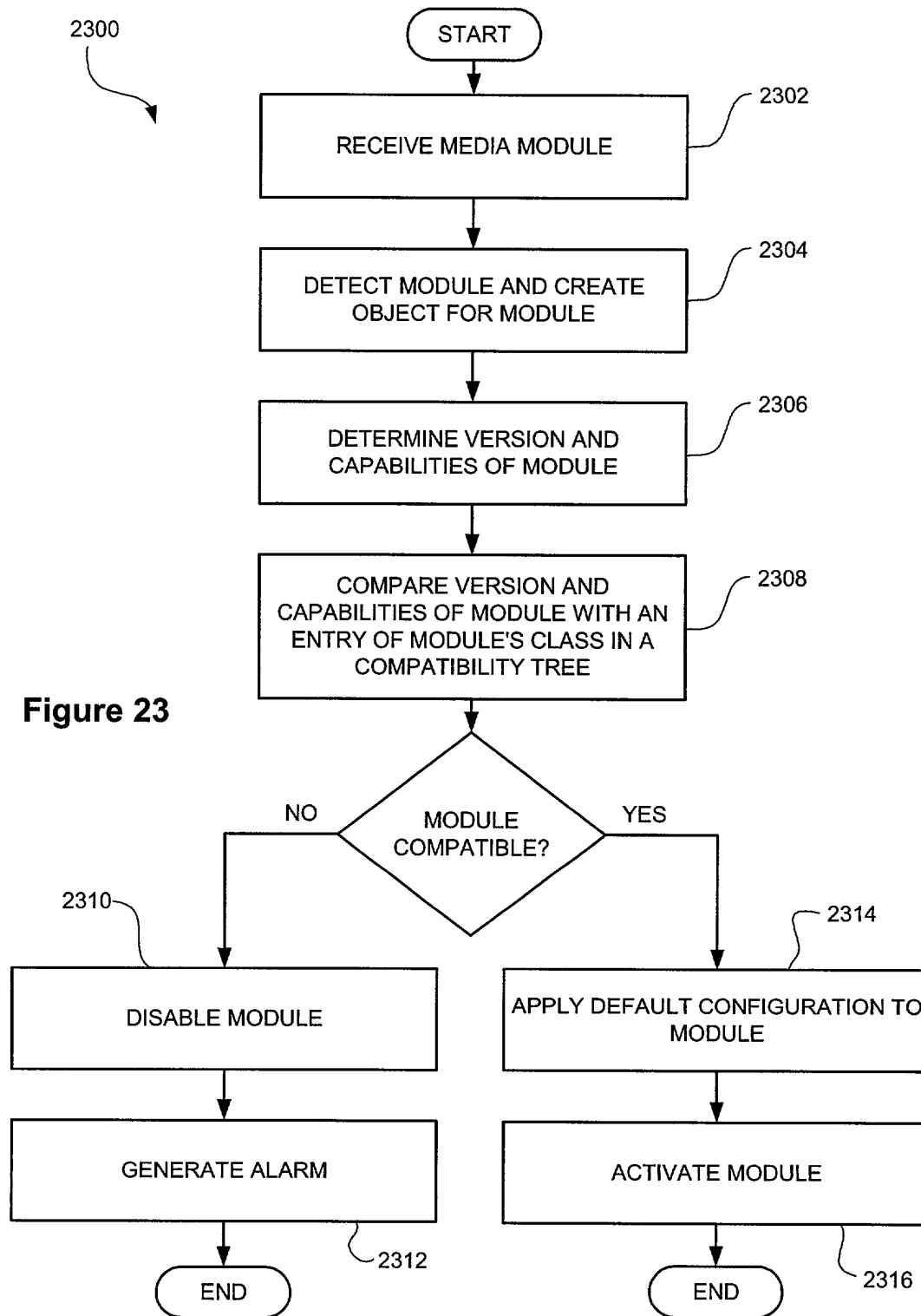


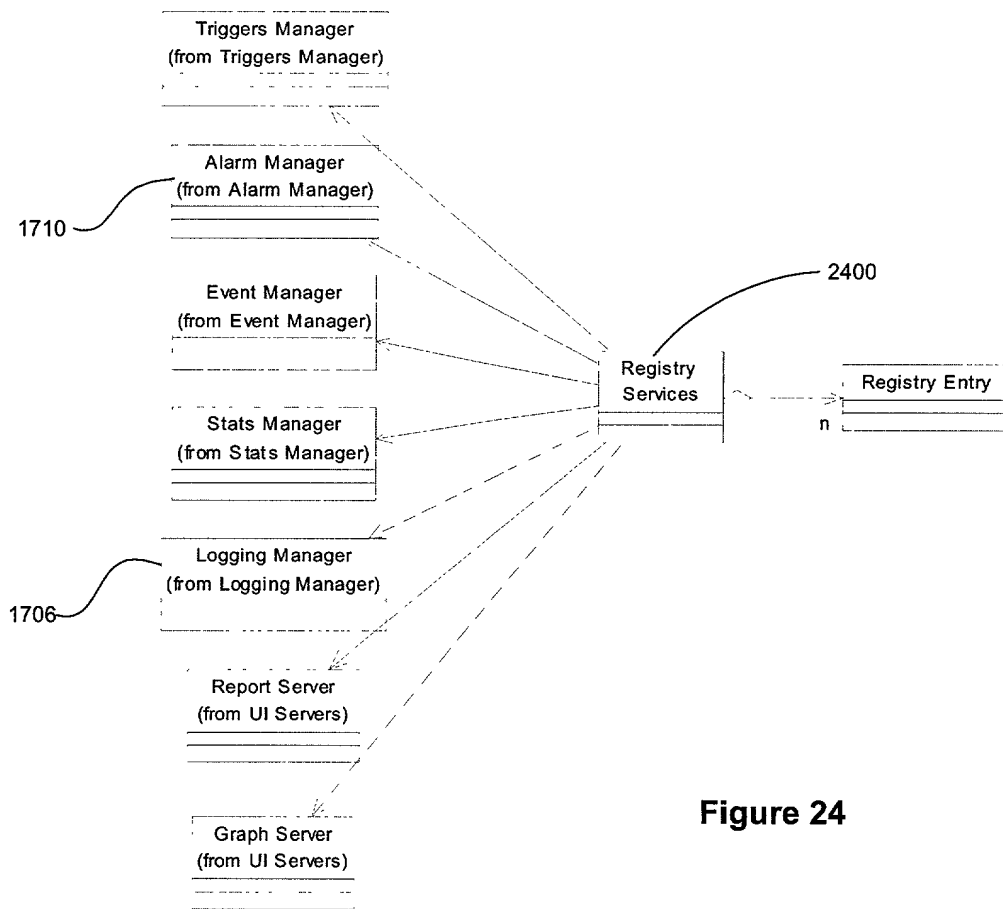


**Figure 22A**



**Figure 22B**





**Figure 24**

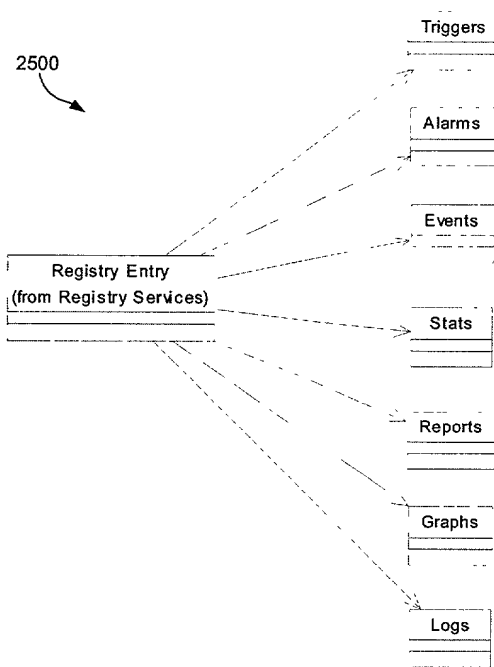


Figure 25

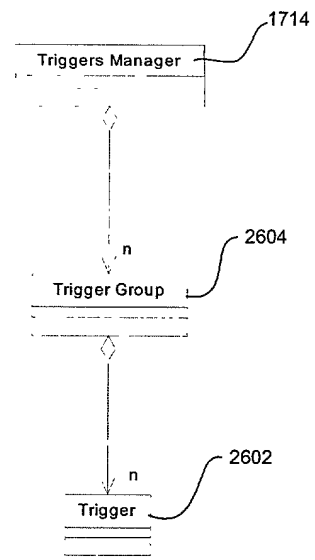


Figure 26

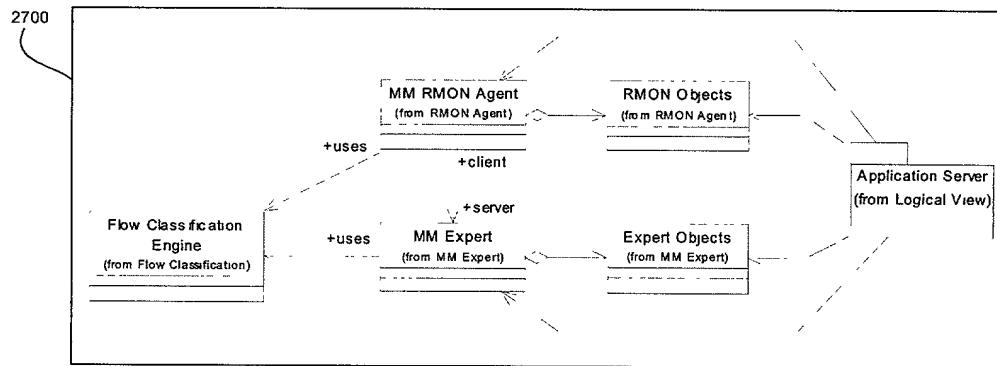
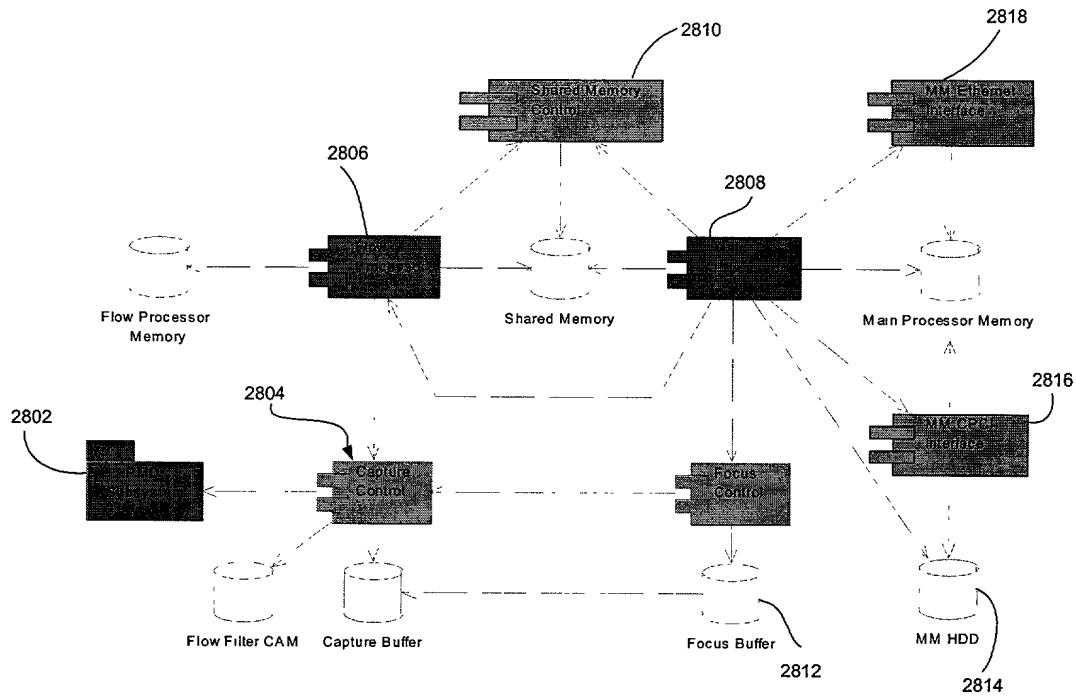
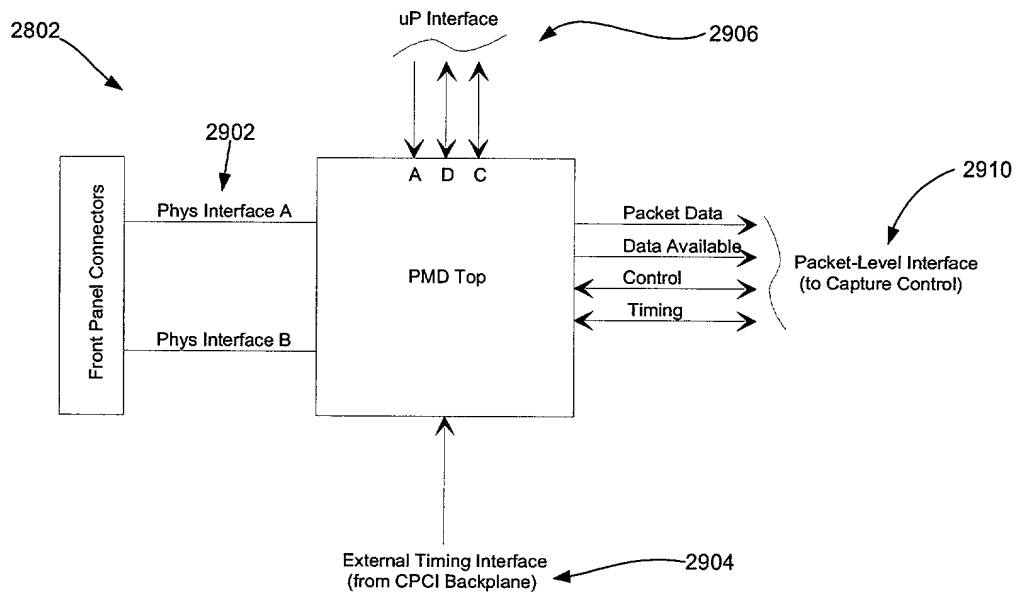


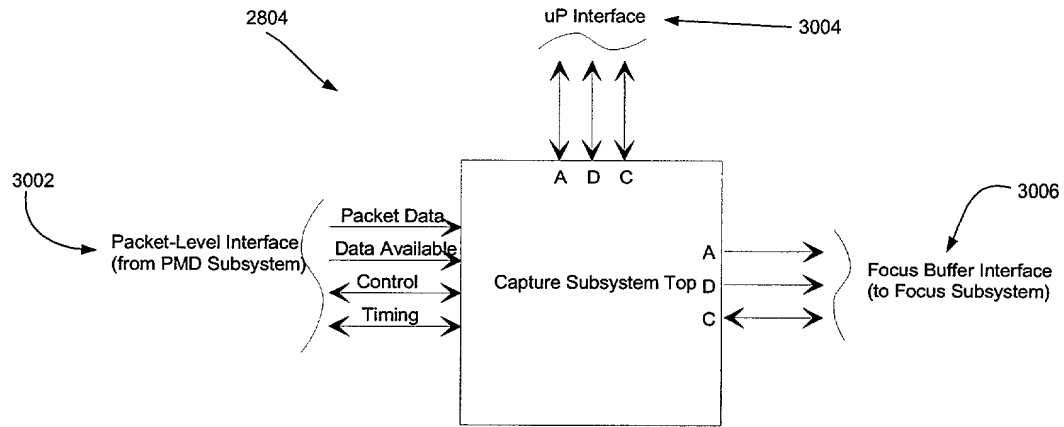
Figure 27



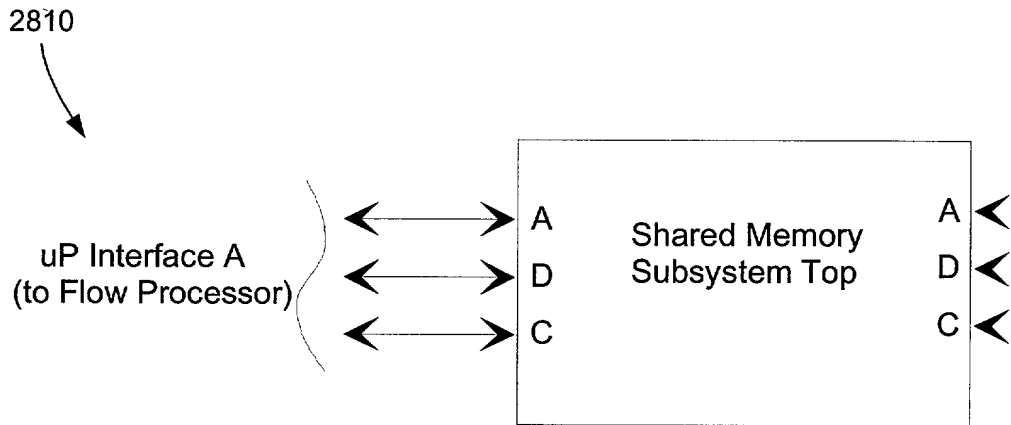
**Figure 28**



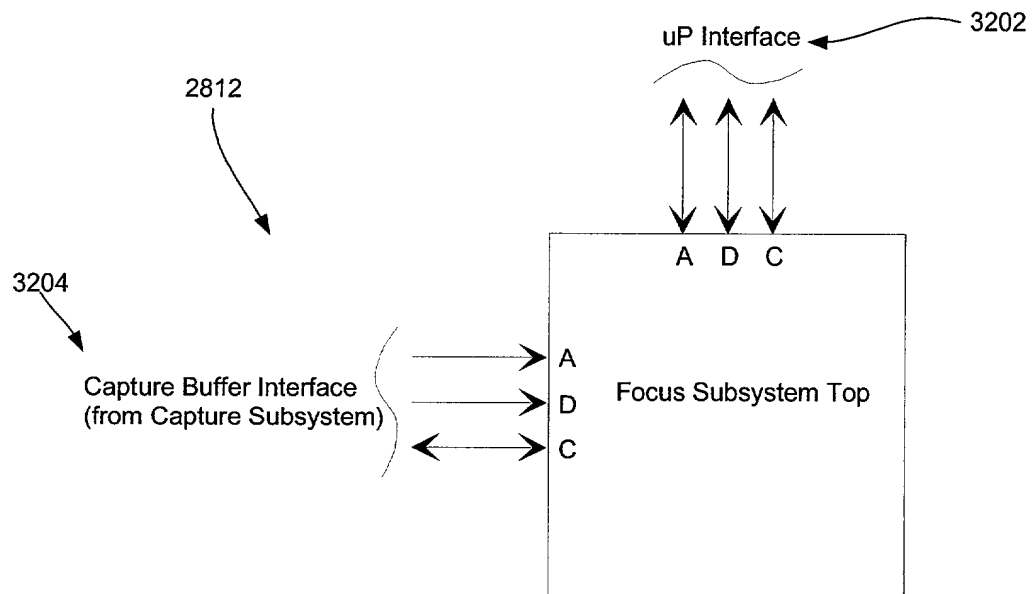
**Figure 29**



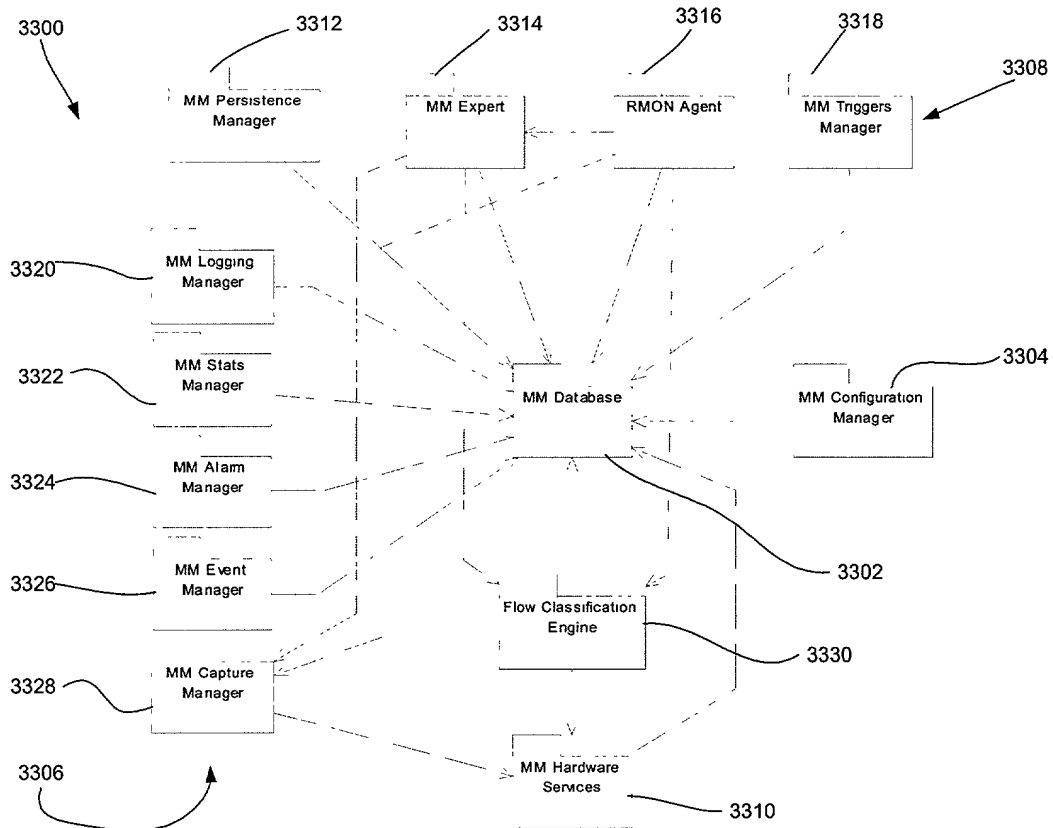
**Figure 30**



**Figure 31**

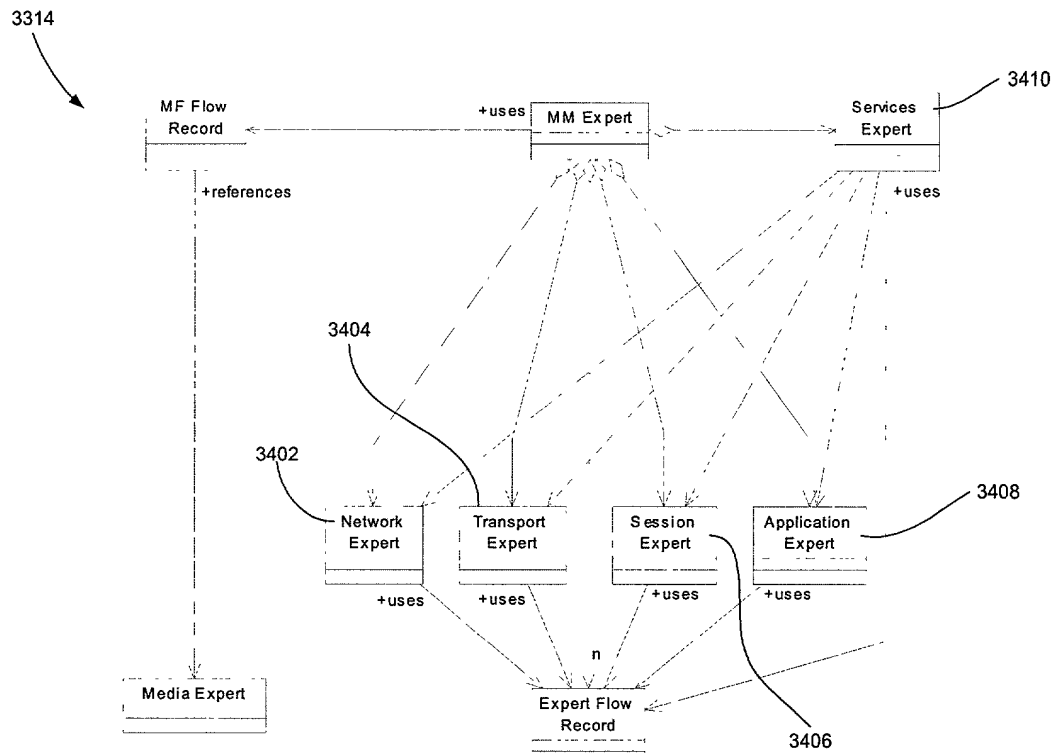


**Figure 32**



**Figure 33**





**Figure 34**

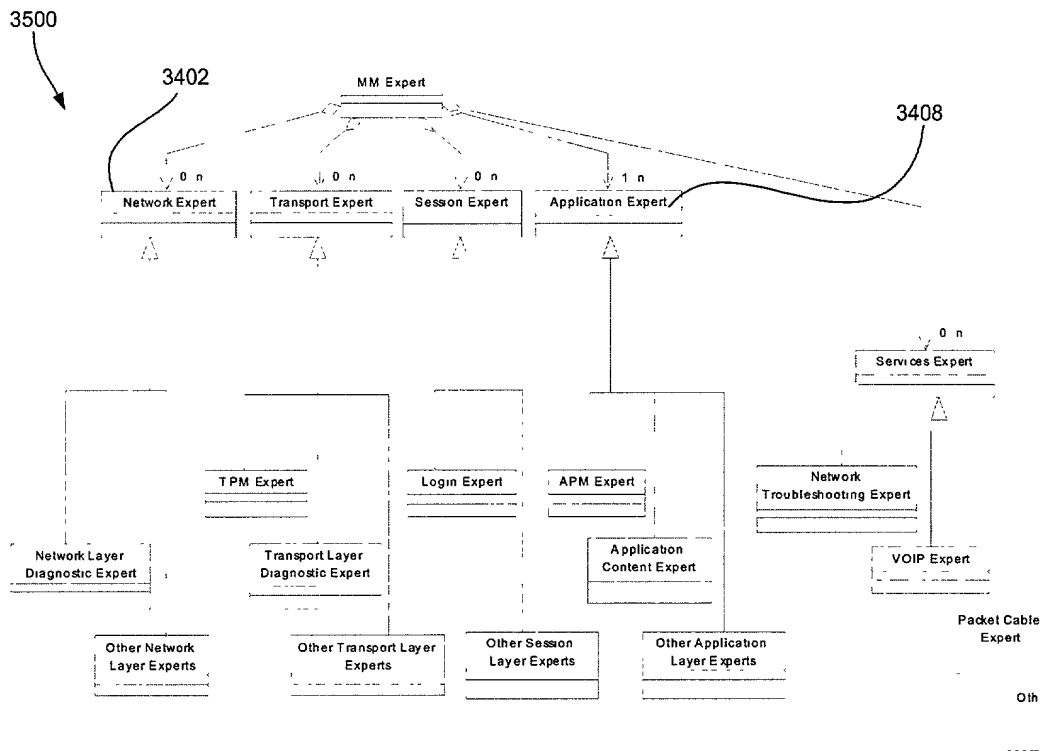
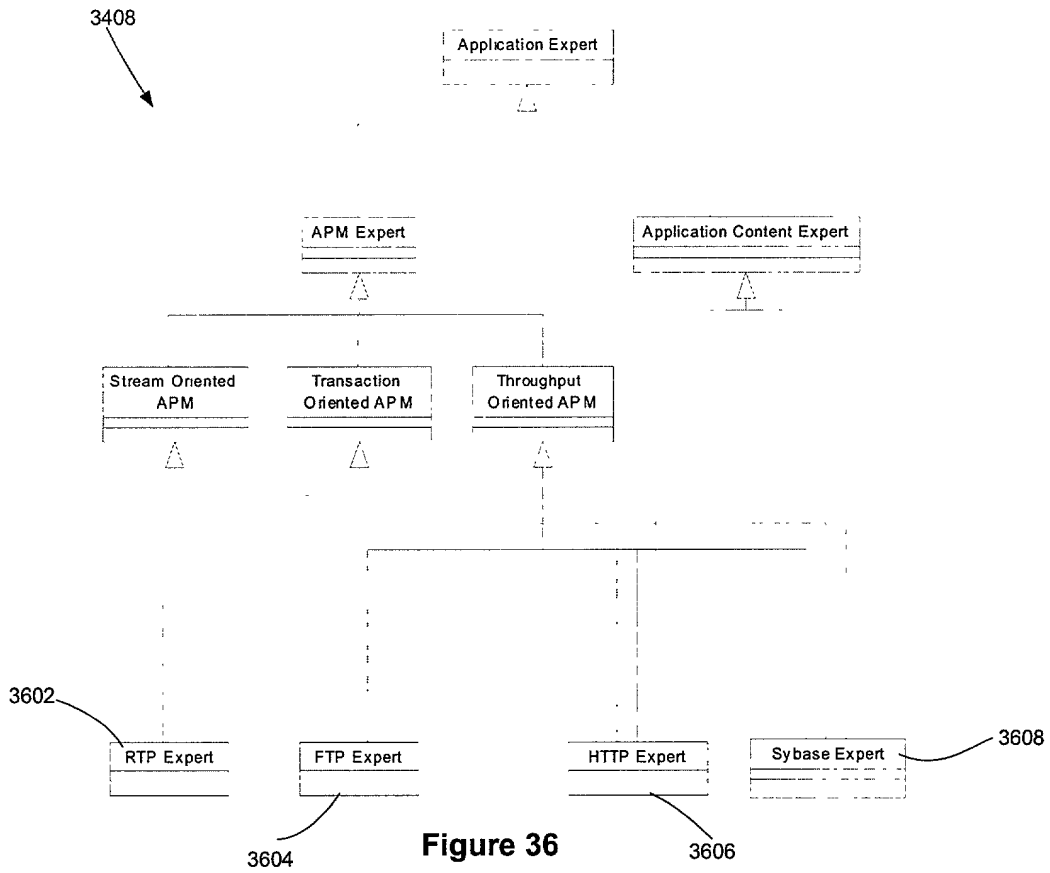
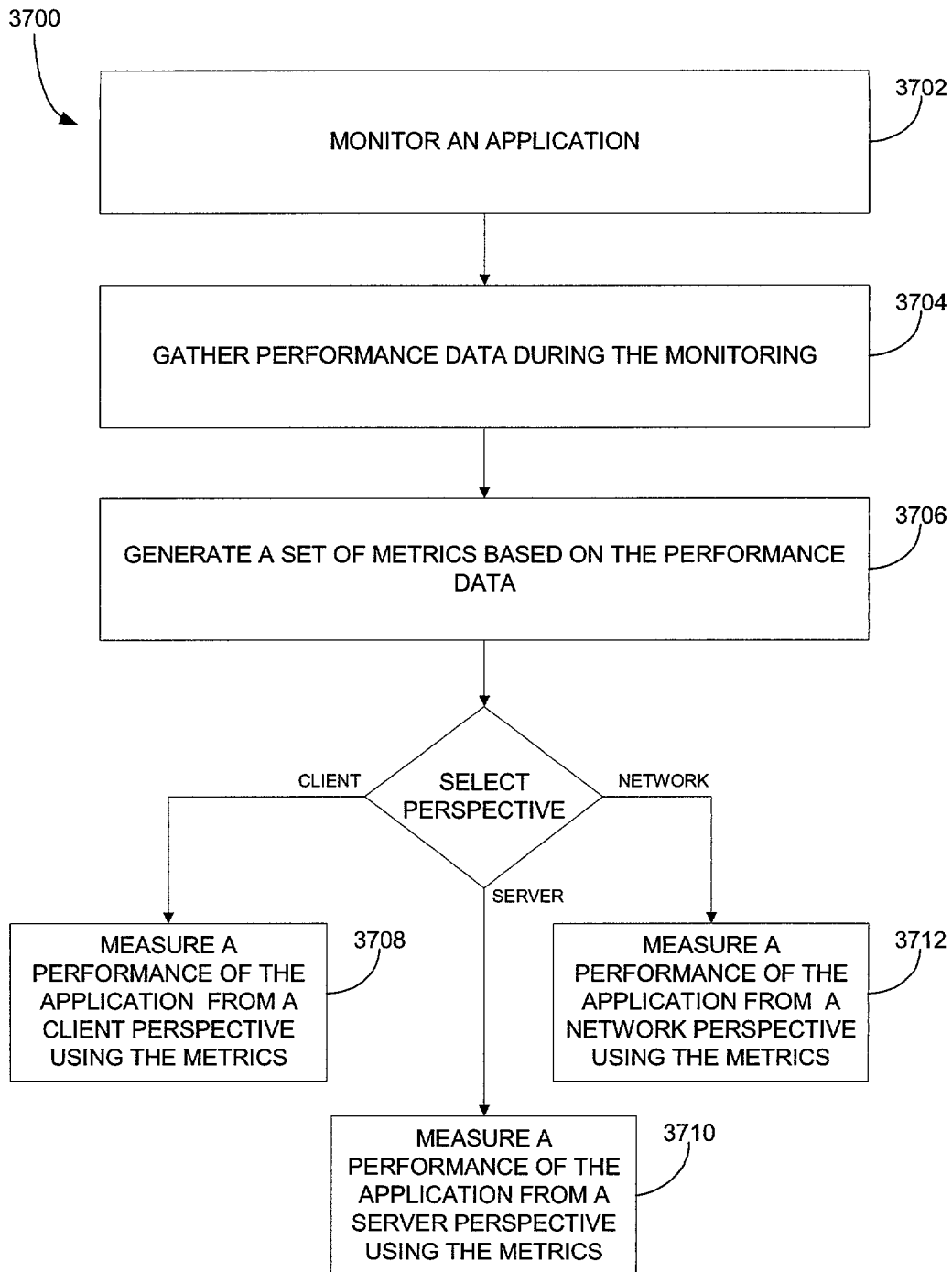


Figure 35





**Figure 37**

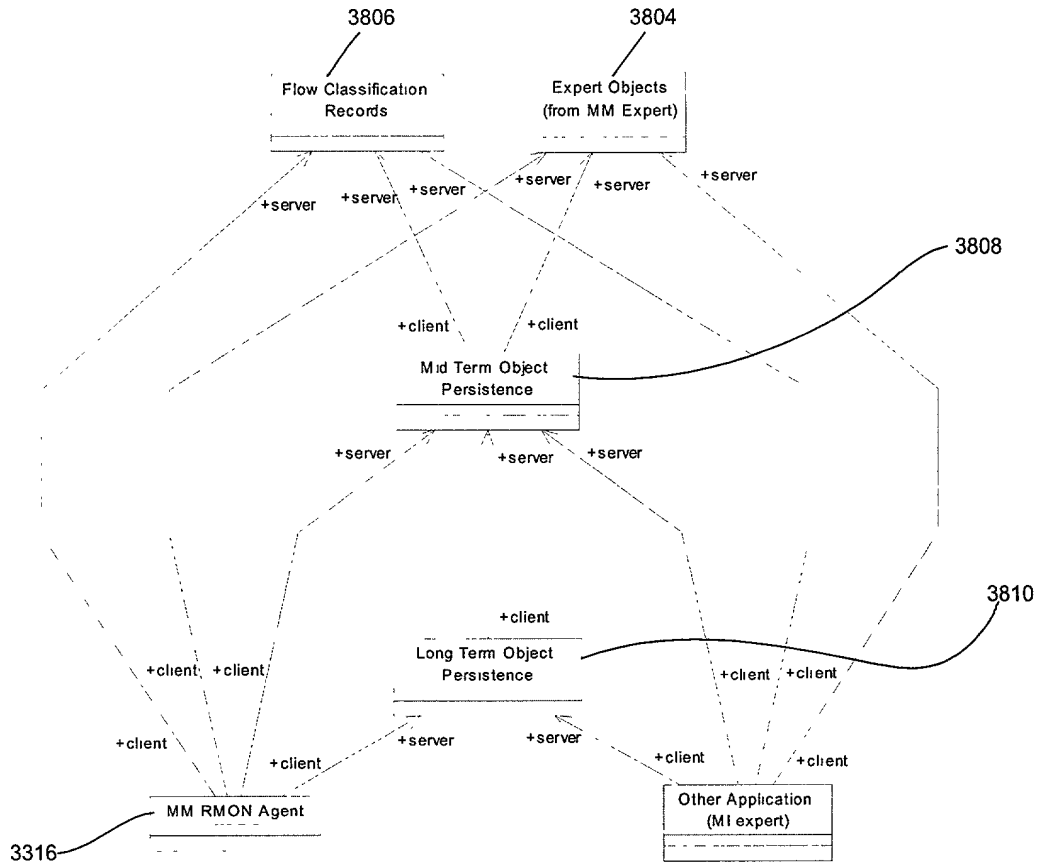


Figure 38

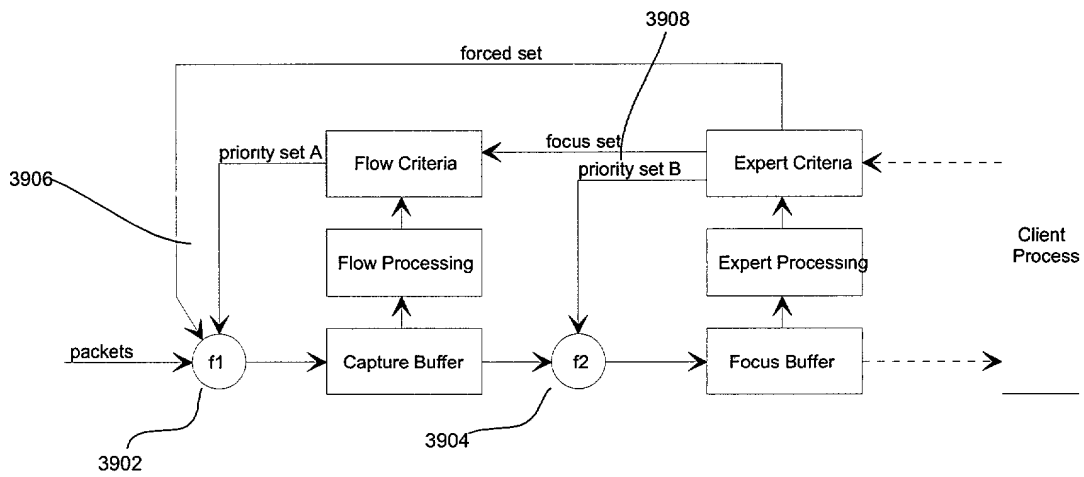
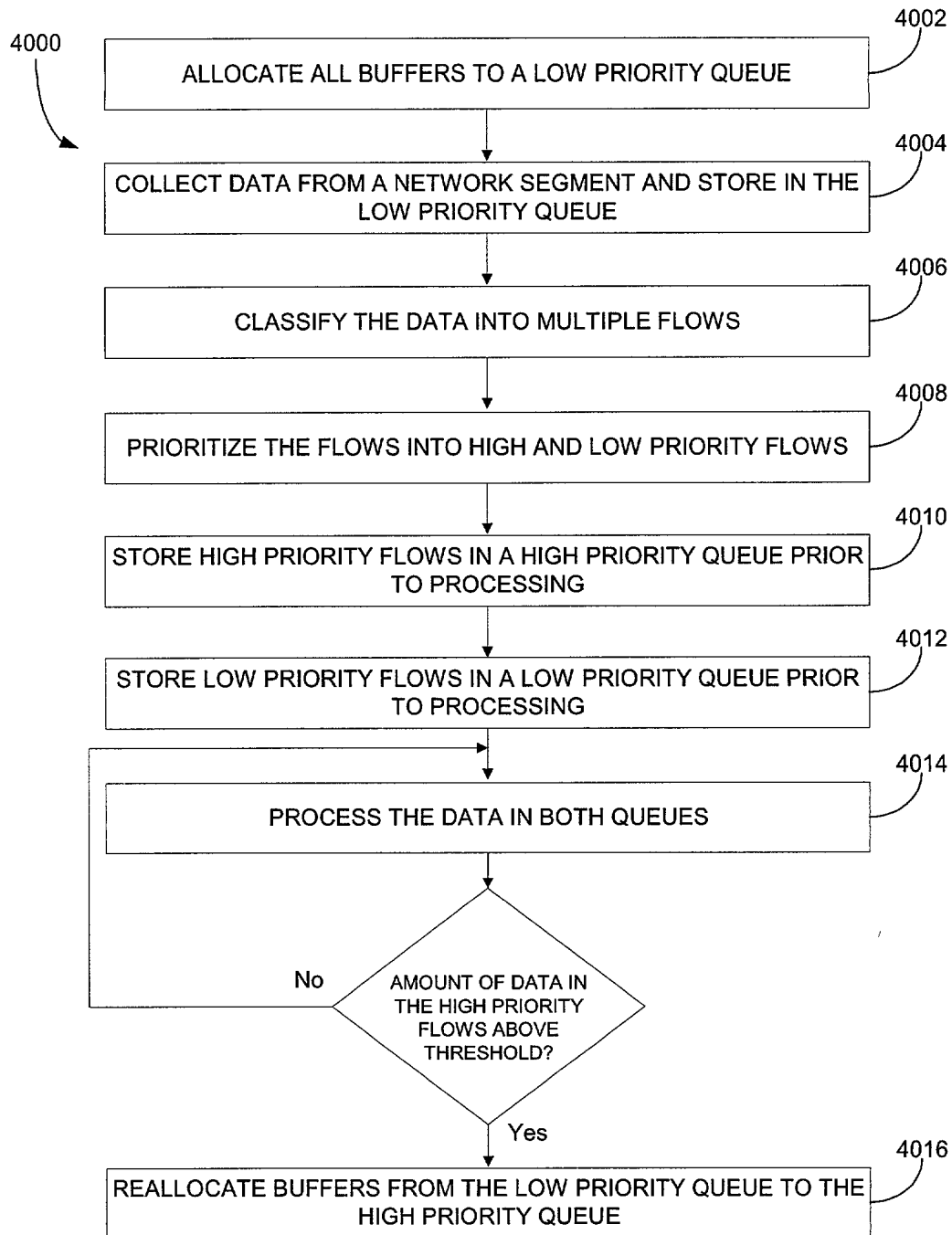


Figure 39



**Figure 40**

## LEGEND

- 1) Packet transferred to capture control
- 2) Address compared in CAM
- 3) If entry match: priority queue, else: normal queue
- 4) Notify flow processor of entry
- 5) Flow proc retrieves pkt & classifies
- 6) Flow record updated in shared mem, expert include flag checked
- 7) If headroom, add addr to priority CAM
- 8) If expert include flag set in flow record, initiate DMA to focus buffer
- 9) Write parse descriptor to shared mem
- 10) Expert retrieves parse descriptor
- 11) Expert retrieves flow record
- 12) Expert retrieves packet from focus buf
- 13) Expert builds/updates object(s)
- 14) Expert sets include flag in flow record (if interesting)
- 15) Object is persisted, packet is prepended and persis
- 16) Event/object descriptor built for app svr (optional)
- 17) Descriptor retrieved by app svr (optional)
- 18) Objects or packets are retrieved by app svr (optional)

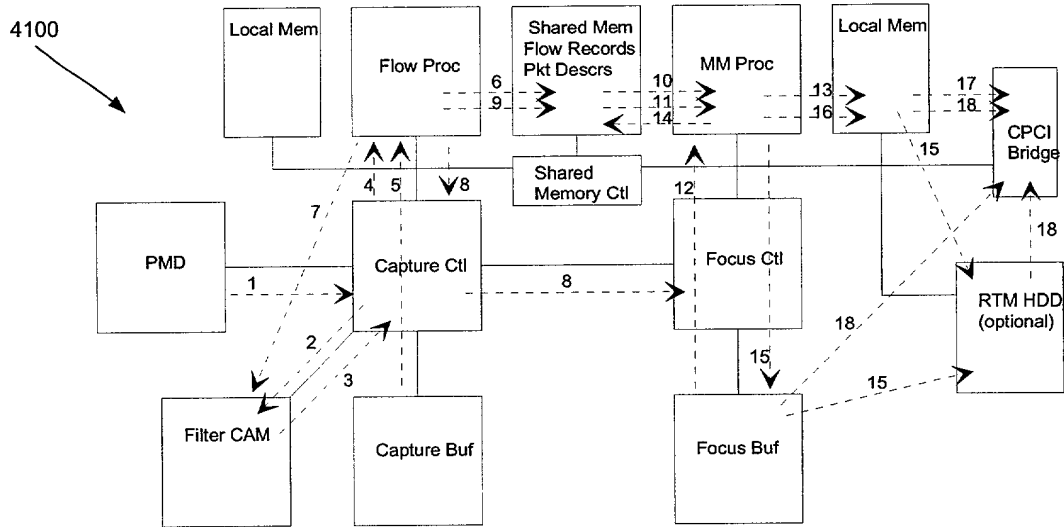


Figure 41

4200

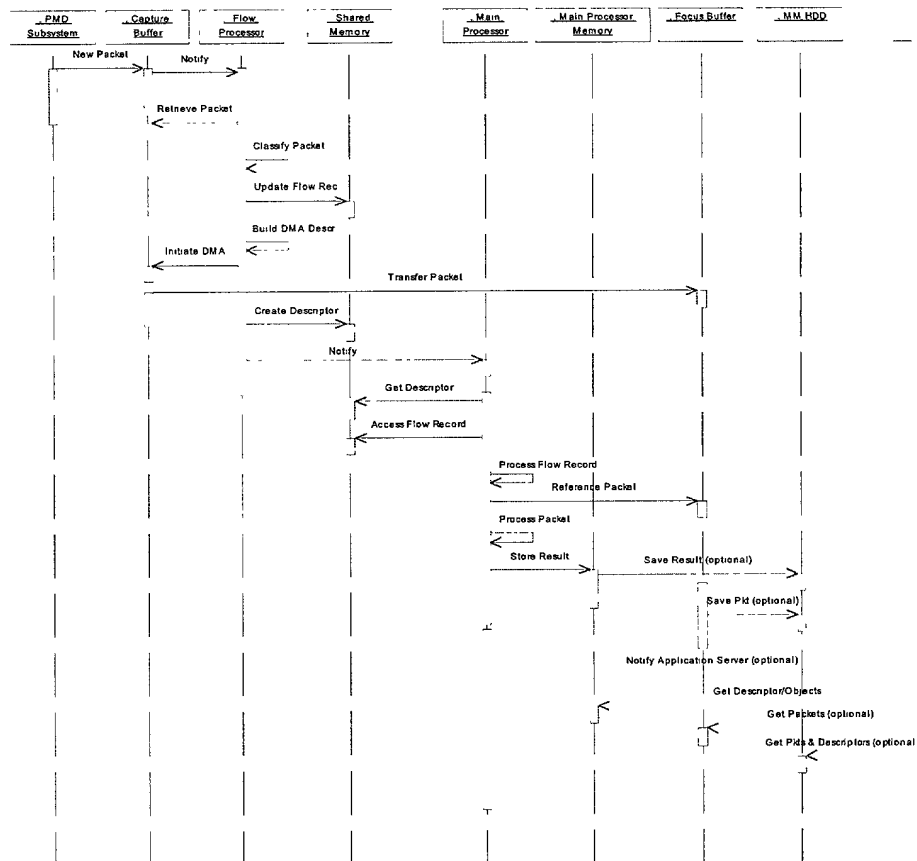


Figure 42